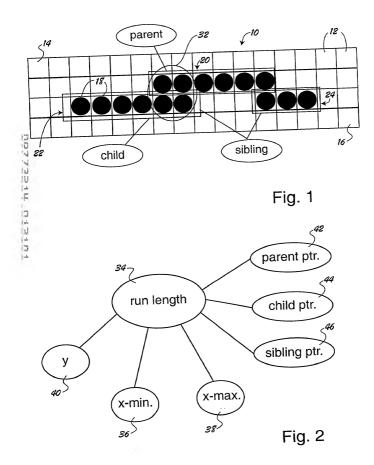
#### TITLE RUN LENGTH BASED CONNECTED COMPONENTS AND CONTOUR FOLLOWING FOR ENHANCING THE PERFORMANCE OF CIRCLED REGION EXTRACTION ALGORITHM

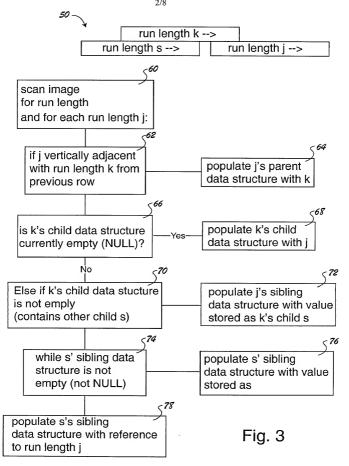
## ATTORNEY GREGORY A. STOBBS Harness, Dickey & Pierce, P.L.C. ATTORNEY DKT. NO. 9432-000123

1/8



TITLE RUN LENGTH BASED CONNECTED COMPONENTS AND CONTOUR FOLLOWING FOR ENHANCING THE PERFORMANCE OF CIRCLED REGION EXTRACTION ALGORITHM INVENTOR'S NAME JINHONG K. GUO
ATTORNEY GREGORY A. STOBBS Harness, Dickey & Pierce, P.L.C.

ATTORNEY GREGORY A. STOBBS Harness, Dickey & Pierce, P.L.C ATTORNEY DKT. NO. 9432-000123



#### TITLE RUN LENGTH BASED CONNECTED COMPONENTS AND CONTOUR FOLLOWING FOR ENHANCING THE PERFORMANCE OF CIRCLED REGION EXTRACTION ALGORITHM

### ATTORNEY GREGORY A. STOBBS Harness, Dickey & Pierce, P.L.C. ATTORNEY DKT. NO. 9432-000123

3/8

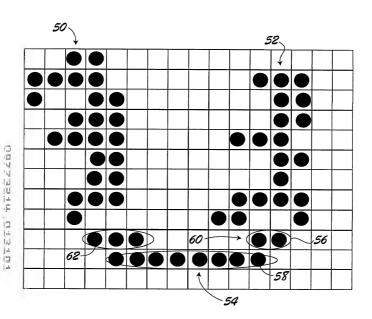
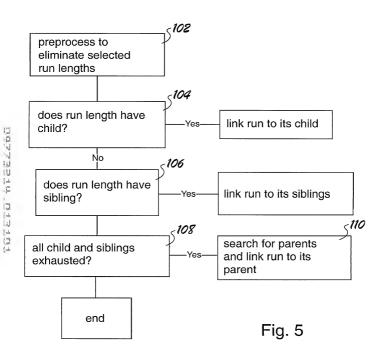


Fig 4

4/8



# TITLE RUN LENGTH BASED CONNECTED COMPONENTS AND CONTOUR FOLLOWING FOR ENHANCING THE PERFORMANCE OF CIRCLED REGION EXTRACTION ALGORITHM INVENTOR'S NAME JINHONG K. GUO ATTORNEY GREGORY A. STOBBS Harness, Dickey & Pierce, P.L.C.

ATTORNEY GREGORY A. STOBBS Harness, Dickey & Pierce, P.L.C.
ATTORNEY DKT. NO. 9432-000123

5/8

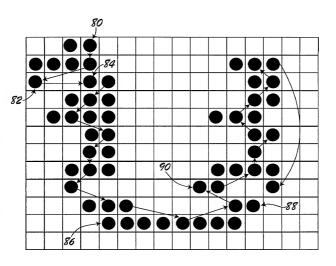


Fig 6

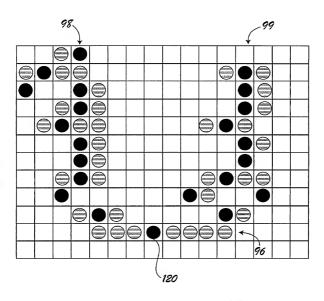


Fig 7

14

# TITLE RUN LENGTH BASED CONNECTED COMPONENTS AND CONTOUR FOLLOWING FOR ENHANCING THE PERFORMANCE OF CIRCLED REGION EXTRACTION ALGORITHM INVENTOR'S NAME JINHONG K. GUO ATTORNEY GREGORY A. STOBS Harness, Dickey & Pierce, P.L.C. ATTORNEY DKT. NO. 9432-000123

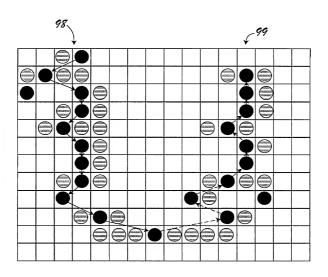


Fig 8

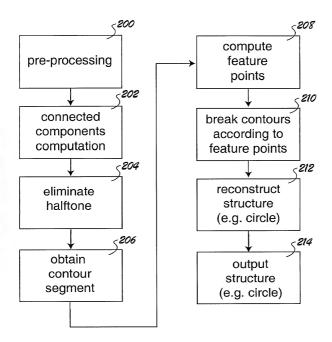


Fig. 9